

9 October 1987

Proposal for Research <sup>-(FY88)</sup>  
SRI International No. ESU 87-135

## ENHANCED HUMAN PERFORMANCE INVESTIGATION

Part One--Technical Proposal

Prepared for:

CLIENT PRIVATE

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Σ <sup>2 3</sup> 89.4  
303.7  
71.6  
62.5  
244.2  
63.8  
332.2  
+ 1167.4 <sup>(For FY88)</sup>

# SRI International



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## ENHANCED HUMAN PERFORMANCE INVESTIGATION STATEMENT OF WORK

### Phase II--Knowledge Development

Goals: To define further the characteristics, parameters, and effectiveness of remote viewing (RV).

#### Objectives:

- A. Provide access to all aspects of the research to the Scientific Oversight Committee (SOC).\*

##### Task 1

Description: Provide statistical and basic research design protocols in advance of experiments.

Deliverables: 1st Quarter FY 88 (A report including the experimental protocols for FY 88, and detailing the approvals and the review process by the SOC.)

##### Task 2

Description: Provide continuing access to on-going experiments to SOC members.

Deliverables: None

##### Task 3

Description: Provide final reports for inspection and critical review to the SOC.

Deliverables: 4th Quarter FY 88 (A final technical report including the experimental results for FY 88, and detailing the SOC's review comments.)

Cost: \$ 89.4K / yr--7.6%

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\* The time-lines for all tasks during FY 1988 are the same: Start on 1-Oct-1987 and end on 30-Sep-1988. The costing is computed on an objective-by-objective basis, and the contractor is SRI International except where noted differently.

B. Identify new and "excellent" remote viewers.

Task 1

Description: Using various techniques to include the video disk technology, screen, and confirm, as many potential RV candidates as possible.

Deliverables: 4th Quarter FY 88 (A report detailing the screening protocol, the method of approach, and results.)

Cost: \$303.7K / yr--26.0%

C. Obtain successful replications of RV.

Task 1

Description: Provide supervision for the training of LANL personnel for for an eventual replication effort by examining RV quality as a function of weak magnetic environment.

Deliverables: None

Cost: \$71.6K / yr--6.1%

D. Determine a physiological indicator of psychoenergetic functioning.

Task 1

Description: Monitor and assist an independent contractor in determining the degree to which "remote" magnetic visual evoked potentials can be observed.

Deliverables: None

Cost: \$62.5K / yr--5.4%

E. Determine parameters of RV.

Task 1

Description: Measure RV quality as a function of differing types of robust feedback.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

Task 2

Description: Measure RV quality when various target properties are the independent variables for feedback.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

**Task 3**

Description: Expand upon the hypnosis concepts developed during FY 1987.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

**Task 4**

Description: Determine the source of "mental noise" in binary psychoenergetic tasks.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

Cost: \$244.2K / yr--20.9%

**F. Improve upon the Fuzzy Set RV Analysis (FSRA) developed during FY 1987.**

**Task 1**

Description: Determine the appropriate parameters for FSRA.

Deliverables: 4th Quarter FY 88 (A report detailing the method of approach, and results.)

Cost: \$63.8K / yr--5.5%

**G. Provide support for research.**

**Task 1**

Description: Provide administrative, technical and secretarial support.

**Task 2**

Description: Provide protocols and administrative support for SRI International's Human Use Review Board.

**Task 3**

Description: Provide computer software/hardware maintenance, and modest software/hardware upgrades.

**Task 4**

Description: Provide sponsor-requested travel.

**Task 5**

Description: Provide document production services.

Cost: \$332.2K / yr--28.5%